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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	
Filing Date	01/09/2004
First Named Inventor	JOHN G. STEWART
Art Unit	
Examiner Name	
Attorney Docket Number	081557-0307579

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
M		US- 1867425	07/1932	SWETZEL	
		US- 3958274	05/1976	KLAUBER	
		US- 4317244	05/1982	BALFOUR-RICHIE	
		US- 4575884	03/1986	JAMERSON et al.	
		US- 4862533	09/1989	ADAMS, III	
		US- 4996733	03/1991	TSAI	
		US- 5005236	04/1991	HATCHINSON	
		US- 5303435	04/1994	HAAR et al.	
		US- 5471687	12/1995	VIERRA	
		US- 553339	09/1996	THOMAS	
		US- 5560056	10/1996	TAI	
		US- 5640725	06/1997	ANDO et la.	
		US- 5669092	09/1997	LIN	
		US- 5740565	04/1998	McDADE	
		US- 5864908	02/1999	KIELMAN	
		US- 6190486	02/2001	SWITLIK	
		US- 3798686	03/1974	GAISER	
		US- 3877092	04/1975	GAISER	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 821966	10/1959	METCALF		
		GB 2177292 A	01/1987	WARDLE		
		BE 903360	02/1986	BAJOUX		
		DE 8811253.5	09/1988	WEICKMANN		
		DE 4437633 A1	10/1994	HUBER		

Examiner Signature	<i>Michael J. ...</i>	Date Considered	1/28/05
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		Number-Kind Code ² (if known)			
<i>ms</i>		US- 4102101	07/1978	NIELSEN et al.	
		US- 4673609	06/1987	HILL	
		US- 5609938	03/1997	SHIELDS	
		US- 5773110	06/1998	SHIELDS	
		US- 5830529	11/1998	ROSS	
		US- 5858155	01/1999	HILL et al.	
		US- D420780	02/2000	COX et al.	
		US- D458730 S	06/2002	JEONG	
		US- 1699002	01/1929	LIEBOLD	
		US- 2015588	09/1935	BROWN	
		US- 3818962	06/1974	MULLER-SCHERAK	
		US- 4339835	07/1982	JAFFE et al.	
		US- 4604765	08/1986	SCHULTZ	
		US- 4896387	01/1990	MALCOLM et al.	
		US- 5005235	04/1991	HUANG	
		US- 5099530	03/1992	SCOTT	
		US- 5210891	05/1993	AVITAL et al.	
<i>ms</i>		US- 5392477	02/1995	WOLTER et al.	

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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
<i>ms</i>		FR	2682270	A1	05/1992	NOGUERAS	
		FR	2671274	A1	04/1991	MOSBAH	
		GB	2166343	A	05/1986	WRIGHT	
		GB	2185681	A	07/1987	HUTCHINSON	
<i>ms</i>		FR	2554335	A1	05/1985	WAYSER	

Examiner Signature <i>Michael Stewart</i>	Date Considered <i>1/28/05</i>
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		Number-Kind Code ² (if known)			
		US- 5528779	06/1996	LEE et al.	
		US- 5785219	07/1998	KRAFT	
		US- 5881405	03/1999	GARRIGUES	
		US- 5966756	10/1999	CARTIER	
		US- 6463604 B1	10/2002	REVERON et al.	
		US- 6539565 B1	04/2003	TRIMBLE	
		US- 6543072 B2	04/2003	HSU	
		US- 6568012 B2	05/2003	MICHAELIS et al.	
		US- 6488036 B1	07/2003	HORT	
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		US- 2002/0078501 A1	06/2002	LAMKE	
		US- 2002/0083525 A1	07/2002	ZHENG	
		US- 2002/0100120 A1	08/2002	HSU	
		US- 2002/0133879 A1	09/2002	SMITH et al.	
		US- 2003/0028972 A1	02/2003	MICHALEIS et al.	
		US- 2003/0168093 A1	09/2003	ZHENG	
		US- 3840919	10/1974	MIDDLETON	
		US- 6367083	04/2002	NOVEMBER	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 97/15433	05/1997	KOLOSSOW		
		WO 97/15453	05/1997	HILL		
		WO 97/25213	07/1997	HILL		
		WO 97/47481	12/1997	MUELLER et al.		
		WO 98/17480	04/1998	HILL et al.		

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Sheet

4

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01/09/2004

First Named Inventor

JOHN G. STEWART

Art Unit

Examiner Name

Attorney Docket Number

081557-0307579

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
ms		US- 5640725	06/1997	ANDO et al.	
		US- 4087874	05/1978	CALLAWAY et al.	
		US- 6421852	07/2002	SHAO	
		US- 4531330	07/1985	PHILLIPS	
		US- 1648373	11/1927	VILAS	
		US- 1324009	12/1919	HOPE	
		US- 4862,533	09/1989	ADAMS, III	
		US- 4856131	08/1989	MILLS	
		US- 5669088	09/1997	McNAMEE	
		US- 4232692	11/1980	ATKINS	
		US- 5740565	04/1998	McDADE	
		US- 3860980	01/1975	EBERT	
		US- 867464	10/1907	ABBOTT	
		US- 3633227	01/1972	TEGLER	
		US- 4774734	10/1988	MILLS	
		US- 6478038	11/2002	LeGETTE et al.	
		US- 6223367	05/2001	FRENCH et al.	
		US- 5172440	12/1992	WU	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
ms		WO 98/43832	10/1998	PEARSON		
		EP 1342868 A1	10/2003	ZENG		
		UK 648452	01/1948	STANLEY		
		UK 702513	05/1952			
ms		UK 979852	01/1965			

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SignatureDate
Considered

1/20/05

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Sheet 5 of

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		Number-Kind Code ² (if known)			
		US- 4605029	08/1986	RUSSELL	
		US- 4757832	07/1988	RUSSELL	
		US- DES270212	08/1983	SECON	
		US- DES434243	11/2000	CASTO et al.	
		US- 2304700	12/1942	MANVILLE	
		US- 2843181	07/1958	PASCHEN	
		US- 3112956	12/1963	SCHICK et al.	
		US- 3253861	05/1966	HOWARD	
		US- 3393937	07/1968	WEHMER	
		US- 3420574	01/1969	SMITH	
		US- 3808616	05/1974	WHITE	
		US- 4459714	07/1984	LIN	
		US- 4518203	05/1985	WHITE	
		US- 4603444	08/1986	SUITS	
		US- 4905332	03/1990	WANG	
		US- 4965901	10/1990	NORMAND	
		US- 5052965	10/1991	KLAPP et al.	
		US- 5086529	02/1992	DeGROOT	

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		UK 2118096 A	02/1983	CAMPBELL et al.		
		UK 2165292 A	04/1986	CAMPBELL et al.		
		UK 2174383 A	11/1986	SLAVIN et al.		
		UK 2188873 A	10/1987	HILL		
		DE 19830452 A1	07/1998	HELDT		

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		US- 5190350	03/1993	HWANG et al.	
		US- 5384923	01/1995	HWANG et al.	
		US- 5474361	12/1995	HWANG et al.	
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		US- 6564412 B2	05/2003	HENLEY et al.	
		US- 2002/0152552 A1	10/2002	DEWERT	
ms		US- 2002/0157183 A1	10/2002	ZHENG	
		US- 2002/0174484 A1	11/2002	GOTFRIED	
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ms		DE 2362215	12/1973	PERNIKAS		
		FR 2305154	11/1976	MEKIES		
		BE 511104	05/1952			
		JP 5333723	03/1978			
		IT 564949	11/1956			

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			Attorney Docket Number	081557-0307579
Sheet	7	of		

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MS		FR	2713902	A1	12/1993	RJO		
		DE	20015180	U1	02/2001	SCHOLLMAYER		
		GB	2138048	A	10/1984	DEELEY		
		GB	2290959	A	01/1996	CORCORAN		
		DE	3135647	A1	03/1983	STROBEL		

Examiner Signature	<i>Michael J. [Signature]</i>	Date Considered	1/28/25
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	8	of
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Complete if Known

Application Number	
Filing Date	01/09/2004
First Named Inventor	JOHN STEWART
Art Unit	
Examiner Name	
Attorney Docket Number	081557-0307579

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
ms		WO 95/31170	11/1995			
		WO 94/17266	08/1994	TAMAKI		
		EP 0086336 A2	01/1983	MUHLBAUER		
		EP 0748475 B1	11/1994	REVELUT		
ms		EP 0976349 A1	07/1999	REIBLING		

Examiner Signature	<i>[Signature]</i>	Date Considered	11/20/85
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Sheet	9	of
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Examiner Name	
Attorney Docket Number	081557-0307579

U. S. PATENT DOCUMENTS

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		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
<i>mt</i>		JP 8-24104	01/1996			

Examiner Signature	<i>[Signature]</i>	Date Considered	1/28/85
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PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

Application Number	10/753,865	APR 09 2004
Filing Date	01/09/2004	
First Named Inventor	JOHN STEWART	
Art Unit		
Examiner Name	Unassigned	
Attorney Docket Number	081557-0307579	

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		Number-Kind Code ² (if known)			
		US- 6,675,414 B2	Jan. 13, 2004	Lamke	
		US- 6,321,400 B1	Nov. 27, 2001	Gulino	
		US- 6,243,892 B1	Jun. 12, 2001	Kelling	
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1/28/05

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